



### Abstract of the Invention

5 A method of manufacturing a tissue matrix for implantation into a patient is disclosed. The method sets forth collecting embryonic stem cells from a placenta which has been treated to remove residual cord blood and seeding the collected stem cells onto or into a tissue matrix. The seeded tissue matrix is then implanted on or into a patient. The seeded tissue matrix made by the method of the present invention is also disclosed.

10074976.024302